

Product Datasheet

EIF3G Antibody NB100-93298

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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Publications: 3

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NB100-93298

EIF3G Antibody

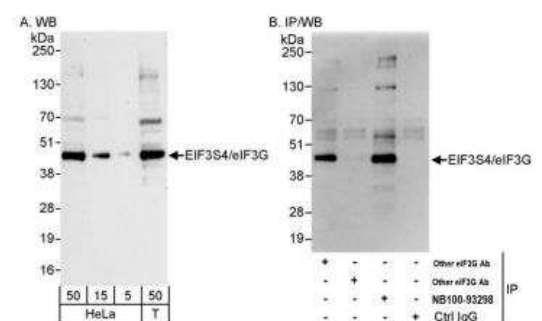
Product Information	
Unit Size	0.1 ml
Concentration	0.2 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	TBS and 0.1% BSA

Product Description	
Description	Novus Biologicals Rabbit EIF3G Antibody (NB100-93298) is a polyclonal antibody validated for use in WB and IP. Anti-EIF3G Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	8666
Gene Symbol	EIF3G
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 25349259).
Immunogen	The immunogen recognized by this antibody maps to a region between residue 175 and 225 of human eukaryotic translation initiation factor 3, subunit G (eukaryotic translation initiation factor 3, subunit 4) using the numbering given in entry NP_003746.2 (G

Product Application Details	
Applications	Western Blot, Immunoprecipitation, Proximity Ligation Assay
Recommended Dilutions	Western Blot 1:2000-1:10000, Immunoprecipitation 2-5 ug/mg lysate, Proximity Ligation Assay
Application Notes	Use in PLA reported in scientific literature (PMID:34260917).

Images

Western Blot: EIF3G Antibody [NB100-93298] - Detection of human eIF3G/EIF3S4 by western blot and immunoprecipitation. Samples: Whole cell lysate from HeLa (5, 15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded) and HEK293T (T; 50 ug) cells. Antibodies: Affinity purified rabbit anti-eIF3G/EIF3S4 antibody NB100-93298 used for WB at 0.04 ug/ml (A) and 1 ug/ml (B) and used for IP at 3 ug/mg lysate. eIF3G/EIF3S4 was also immunoprecipitated by two other rabbit anti-eIF3G/EIF3S4 antibodies, which recognize upstream epitopes. Detection: Chemiluminescence with exposure times of 3 minutes (A) and 3 seconds (B).



Publications

Swarnkar S, Avchalumov Y, Espadas I Et Al. Molecular motor protein KIF5C mediates structural plasticity and long-term memory by constraining local translation Cell reports 2021-07-13 [PMID: 34260917] (PLA)

Gao J, Schatton D, Martinelli P et al. CLUH regulates mitochondrial biogenesis by binding mRNAs of nuclear-encoded mitochondrial proteins. CLUH regulates mitochondrial biogenesis by binding mRNAs of nuclear-encoded mitochondrial proteins. 2014-10-27 [PMID: 25349259] (WB, Mouse, Human)

Hutt DM, Roth DM, Vignaud H et al. The Histone Deacetylase Inhibitor, Vorinostat, Represses Hypoxia Inducible Factor 1 Alpha Expression through Translational Inhibition PLoS ONE 2014-08-28 [PMID: 25166596]





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Products Related to NB100-93298

NBL1-10195	EIF3G Overexpression Lysate
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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